

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 19   | ((coaxial near2 cable) or ((power near2 data) with cable)) and filter and (gyro\$1 with accelerometer\$1) and aircraft | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/18 09:15 |
| S2    | 2457 | ((coaxial near2 cable) or ((power near2 data) with cable)) and (aircraft or helicopter or airplane)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/18 09:32 |
| S3    | 1390 | (aircraft or helicopter or airplane) and (IMU or (inertial with (gyro\$1 or accelerometer\$1)))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/18 09:21 |
| S4    | 41   | S2 and S3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/18 09:21 |
| S5    | 2    | "20040257441"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/18 09:33 |
| S6    | 2    | "20050242991"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/18 09:34 |
| S7    | 332  | 342/357.14   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/18 09:43 |
| S8    | 2    | ("6563801").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/01/18 09:45 |
| S9    | 36   | ((coaxial near2 cable) same (processor with filter))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/18 10:26 |

## EAST Search History

|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S10 | 8  | ((("20030216865") or ("5894323") or ("20040012522") or ("20040267444") or ("5894323")).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/18 11:34 |
| S11 | 8  | ((coax\$3 near2 cable) with (wing near4 aircraft))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/18 10:59 |
| S12 | 1  | "EP 820158".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/18 10:59 |
| S13 | 2  | ((inertial near2 reference) with unit).ab. and (aircraft near2 body).ab.                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/18 11:35 |
| S14 | 23 | ((inertial near2 reference) with unit) and (aircraft near2 body)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/18 12:24 |
| S15 | 9  | (connect\$3 with processor) and (data near2 cable) and (inertial near3 GPS)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/18 12:31 |
| S16 | 10 | ((wing near2 aircraft) same (inertial with GPS))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/18 12:40 |
| S17 | 9  | "6037893"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/01/18 12:40 |
| S18 | 6  | ("5327140"   "5659318"   "5708436"   "5777573"   "5949364"   "6037893").PN.                | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/01/18 12:43 |
| S19 | 6  | ("5327140"   "5659318"   "5708436"   "5777573"   "5949364"   "6037893").PN.                | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/01/18 12:48 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 2    | aircraft and ((IMU or "inertial measurement unit") with (GPS near receiver)) and (("power and data" near cable) or "coaxial cable")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/07/28 14:16 |
| S2    | 16   | ("3191170"   "4589610"   "4764781"   "4814711"   "5166789"   "5247356"   "5251037"   "5267042"   "5270756"   "5438404"   "5467271"   "5477459"   "5490075"   "5503350"   "5519620"   "5557397").PN. | USPAT   | OR               | ON      | 2004/07/28 14:14 |
| S3    | 1519 | aircraft and "coaxial cable"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/07/28 14:16 |
| S4    | 9    | (aircraft and ((wing with IMU) or (wing with "GPS receiver") or "inertial measurement unit")) and (aircraft and "coaxial cable")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/07/28 14:16 |
| S5    | 334  | aircraft and ((wing with IMU) or (wing with "GPS receiver") or "inertial measurement unit")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/07/28 14:45 |
| S6    | 63   | aircraft and ((GPS near receiver) same (IMU or "inertial measurement unit"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/07/28 14:50 |
| S7    | 117  | aircraft and (GPS near receiver) and (IMU or "inertial measurement unit")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/07/28 14:50 |
| S8    | 42   | ((GPS near receiver) with filter) and ((IMU or "inertial measurement unit") with filter)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/07/28 14:51 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S9  | 15    | (aircraft and ((GPS near receiver) same (IMU or "inertial measurement unit"))) and (aircraft and (GPS near receiver) and (IMU or "inertial measurement unit")) and (((GPS near receiver) with filter) and ((IMU or "inertial measurement unit") with filter)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 14:57 |
| S10 | 16    | (aircraft and (GPS near receiver) and (IMU or "inertial measurement unit")) and (((GPS near receiver) with filter) and ((IMU or "inertial measurement unit") with filter))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 14:57 |
| S11 | 0     | aircraft and ("power and data" near cable)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 14:58 |
| S12 | 1519  | aircraft and "coaxial cable"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 14:58 |
| S13 | 10320 | filter and "coaxial cable"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 14:59 |
| S14 | 16921 | aircraft and cable  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 14:59 |
| S15 | 600   | (aircraft and "coaxial cable") and (filter and "coaxial cable") and (aircraft and cable)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 15:07 |
| S16 | 348   | ((aircraft and "coaxial cable") and (filter and "coaxial cable") and (aircraft and cable)) and aircraft.<br>bsum.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 15:17 |
| S17 | 5     | (IMU with "GPS receiver") and (coaxial near cable)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 15:21 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S18 | 48    | "244"/\$.ccls. and (coaxial near cable)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 15:33 |
| S19 | 16    | ("3191170"   "4589610"   "4764781"   "4814711"   "5166789"   "5247356"   "5251037"   "5267042"   "5270756"   "5438404"   "5467271"   "5477459"   "5490075"   "5503350"   "5519620"   "5557397").PN. | USPAT   | OR | ON | 2004/07/28 15:29 |
| S20 | 13    | (aircraft or airplane or avionic aeronautical) and (route near wire) and (cable with routing)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 15:36 |
| S21 | 51    | (aircraft or airplane or avionic aeronautical) and (route near wire)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 15:50 |
| S22 | 53    | "701"/\$.ccls. and ((GPS near receiver) same IMU)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 15:51 |
| S23 | 37    | ("701"/\$.ccls. and ((GPS near receiver) same IMU)) and (power or data with cable)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 16:19 |
| S24 | 302   | 348/116   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 16:19 |
| S25 | 15867 | (coaxial near cable).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 16:20 |
| S26 | 3484  | aircraft and (GPS or inertial).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 16:20 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S27 | 7    | ((coaxial near cable).ab.) and (aircraft and (GPS or inertial).ab.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 16:23 |
| S28 | 1738 | aircraft and ((co-axial or coaxial) with (cable or cables))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 16:24 |
| S29 | 110  | (aircraft and ((co-axial or coaxial) with (cable or cables))) and ((GPS near receiver) or ((inertial or IMU) with (gyroscopic or accelerometer))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 16:36 |
| S30 | 79   | aircraft and (wing with inertial)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/28 16:42 |
| S31 | 75   | aircraft.ab. and "coaxial cable".ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 08:30 |
| S32 | 109  | aircraft and (IMU or (inertial with unit)) and filter and cable   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:19 |
| S33 | 1    | "JP 08295131".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 08:35 |
| S34 | 4771 | aircraft with navigation  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:29 |
| S35 | 548  | vehicle and ("inertial measurement unit" or IMU)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:29 |
| S36 | 27   | (vehicle and ("inertial measurement unit" or IMU)) and "coaxial cable"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:26 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S37 | 5     | ("GPS receiver" same IMU) and (coaxial near cable)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:27 |
| S38 | 30398 | "inertial measurement unit" or IMU or gyroscopic or accelerometer  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:30 |
| S39 | 7565  | ((coaxial near cable) with (power or data))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:30 |
| S40 | 19    | (aircraft with navigation) and ("inertial measurement unit" or IMU or gyroscopic or accelerometer) and (((coaxial near cable) with (power or data))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:32 |
| S41 | 0     | ((RF near "position data") same ("IMU data"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:33 |
| S42 | 10    | RF near "position data"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:51 |
| S43 | 257   | "307"/\$.ccls. and (coaxial near cable)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:53 |
| S44 | 2     | ("307"/\$.ccls. and (coaxial near cable)) and aircraft   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:52 |
| S45 | 52    | "307"/\$.ccls. and (GPS near receiver)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:53 |
| S46 | 4     | ("307"/\$.ccls. and (coaxial near cable)) and ("307"/\$.ccls. and (GPS near receiver))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 09:55 |



## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S47 | 1     | 307/22 and (coaxial near cable)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 10:18 |
| S48 | 0     | ((GPS near receiver) same ("inertial measurement unit" or IMU)) and (DC near current)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 10:19 |
| S49 | 22    | ((GPS near receiver) same ("inertial measurement unit" or IMU)) and connectors                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 10:45 |
| S50 | 120   | navigation and inertial and ("coaxial cable" or "electrical cable")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 10:46 |
| S51 | 45920 | navigation and (position or inertial)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 10:46 |
| S52 | 120   | (navigation and inertial and ("coaxial cable" or "electrical cable")) and (navigation and (position or inertial)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 10:56 |
| S53 | 19707 | aircraft and wing   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 10:57 |
| S54 | 2707  | (aircraft and wing) and cable   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 10:57 |
| S55 | 364   | ((aircraft and wing) and cable) and ("electrical cable" or "coaxial cable")                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 11:19 |
| S56 | 5330  | aircraft and wiring   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 11:23 |



## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S57 | 1257  | aircraft and ("axial cable" or "electrical cable")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 11:23 |
| S58 | 172   | (aircraft and wiring) and (aircraft and ("axial cable" or "electrical cable")) and (position or inertial)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/29 11:24 |
| S59 | 3895  | inertial with unit  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 10:26 |
| S60 | 27    | ((inertial same "GPS receiver") and ((single with cable) or (electrical with cable) or "electrical wire" or "coaxial wire"))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 10:28 |
| S61 | 26    | ((DC near power) or (DC near current)) and (inertial same "GPS receiver")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 10:35 |
| S62 | 21940 | (aircraft or airplane or aviation or aeronautical) and (coaxial with cable or cables)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 10:36 |
| S63 | 1459  | (aircraft or airplane or aviation or aeronautical) and (inertial with position)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 10:38 |
| S64 | 296   | ((aircraft or airplane or aviation or aeronautical) and (coaxial with cable or cables)) and ((aircraft or airplane or aviation or aeronautical) and (inertial with position)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 11:04 |
| S65 | 18060 | (coaxial with cable).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 11:04 |
| S66 | 13    | ((coaxial with cable).ab.) and (accelerometer or gyroscopic or IMU).bsum.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 11:07 |

## EAST Search History

|          |      |  |   |    |    |                  |
|----------|------|--|---|----|----|------------------|
| S67      | 32   | ((coaxial with cable).ab.) and (accelerometer or gyroscopic or IMU)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 11:19 |
| S68      | 2535 | (navigation with INS) and cable  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 11:19 |
| S69      | 2037 | ((navigation with INS) and cable) and (connector or connectors or connection)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 11:20 |
| S70      | 382  | ((navigation with INS) and cable) and (connector or connectors or connection)) and (gyroscopic or accelerometer or inertial) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/07/31 11:21 |
| S16<br>2 | 1204 | (inertial with navigation) same aircraft   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:28 |
| S16<br>3 | 817  | aircraft and ((receiver with filter) or (receiver same filter)) and cable  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:29 |
| S16<br>4 | 39   | S162 and S163  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:38 |
| S16<br>5 | 62   | (coaxial near2 cable) and ((processor or computer) same filter) and inertial   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:49 |
| S16<br>6 | 9    | (coaxial near2 cable) and aircraft and inertial and (aircraft near2 wing)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:49 |

## EAST Search History

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S16<br>7 | 108  | "5844327" or "5894323" or<br>"6037893" or "6127970" or<br>"6204756" or "6234799" or<br>"6278945" or "6449559" or<br>"6718409" or "20010020216" or<br>"20020033766" or "20020147544"<br>or "20030120425" or<br>"20030236619" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 14:04 |
| S17<br>4 | 1    | "EP 820158".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 06:44 |
| S17<br>5 | 1    | "EP 463341".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 06:46 |
| S17<br>6 | 1    | "DE 10133658".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 06:48 |
| S17<br>7 | 9    | (inertial with aircraft) same (aircraft<br>with wing) and cable   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 06:52 |
| S17<br>8 | 2541 | (cable with (power near2 data))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 06:52 |
| S17<br>9 | 266  | (aircraft same inertial) and (receiver<br>same filter)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 06:53 |
| S18<br>0 | 1    | S178 and S179   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 06:53 |
| S18<br>1 | 2848 | (aircraft same inertial)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 06:53 |

## EAST Search History

|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S18<br>2 | 18  | S178 and S181   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 07:00 |
| S18<br>3 | 5   | (wing near4 (aircraft or helicopter))<br>and (measur\$4 near2,inertial) and<br>(GPS near2 receiver) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 07:11 |
| S18<br>4 | 602 | (inertial same (gyro\$1 or<br>accelerometer\$1)) and (GPS near2<br>receiver)                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 07:13 |
| S18<br>5 | 49  | S184 and electromechanical  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 07:13 |
| S18<br>6 | 519 | S184 and ((transmit\$3 or receiv\$3)<br>with (power or data))                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 08:14 |
| S18<br>7 | 602 | (inertial same (gyro\$1 or<br>accelerometer\$1)) and (GPS near2<br>receiver)                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 08:14 |
| S18<br>8 | 17  | S187 and ((transmit\$3 or receiv\$3)<br>with (power or data)) and (coaxial<br>near2 cable)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 08:15 |
| S18<br>9 | 127 | S187 and (((transmit\$3 or receiv\$3)<br>with (power or data)) and cable                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 08:15 |